| Index of C   |                    | Appli      | catio | n No.   |              | Applicant(s) |              |  |  |  |
|--|--------------------|------------|-------|---------|--------------|--------------|--------------|--|--|--|
| I ARRINI BONEN ININI NININ NININ NININ NININ NININ NININ NININ |                    |            |       | 22,16   | 62           | ł            | VERDI ET AL. |  |  |  |
|  |                    |            | Exam  | iner    |              |              | Art Unit     |  |  |  |
|  |                    | Mich       | ael C | C. Heck |              | 3623         |              |  |  |  |
| √ Rejected   | √ Rejected _ (Thro |            |       | N       | Non-Elected  | A            | Appeal       |  |  |  |
| = Allowed  | +                  | Restricted |       | 1.      | Interference |              | Objected     |  |  |  |

| Cla        | im       |             |                        | D-              | to   |  |          | <br> -:-: | CI   | im          |                  |          |                    | Date   |                     |               | ן::::[   |              | aim        |                |               | - 1      | )ate         |                |                 |          | _ |
|------------|----------|-------------|------------------------|-----------------|--|--|----------|-----------|--|-------------|------------------|----------|--------------------|--|---------------------|---------------|----------|--------------|------------|----------------|---------------|----------|--------------|----------------|-----------------|----------|---|
| Claim Date |          | $\neg \neg$ |                        | Ula             | Claim                                      |  |          | ┰╴        | Date   |             |                  | -        | U                  |  | Date                |               |          |              |            |                |               |          |              |                |                 |          |   |
| Final      | Origina! | 8/26/04     |                        |                 |  |  |          |           | Final  | Original    |                  |          |                    |  |                     |               |          | Final        | Original   |                |               |          |              |                |                 |          |   |
|            | 4        | _           |                        | +               | + +  |  | $\top$   | ::::      |  | 51          | П                | _        | 1                  | $\top$   | 17                  | T             | 7        |              | 101        |                |               |          | П            | ヿ              | 一               | 十        |   |
|            | 2        | 1           | 1                      | _               | $\top$                                     | $\neg$   | $\top$   | :::::     |  | 52          |                  | $\top$   |                    |  |                     | 一             |          |              | 102        | $\neg$         |               |          |              |                | $\top$          | $\top$   |   |
|            | 3        | 1           | $\dashv$               | $\neg$          | $\dagger \dagger$                          | 十  | 1        |           |  | 53          | $\Box$           | $\neg$   | 1                  | $\top$   | 17                  | 一             | 7        |              | 103        |                | $\neg$        | 1        |              |                | $\neg$          | $\top$   |   |
|            | 4        | 1           |                        |                 | 11   | _  |          |           |  | 54          | П                | $\top$   |                    |  | T                   |               | 7::::    |              | 104        |                | $\neg \vdash$ | 1        | П            |                | $\neg$          | $\neg$   |   |
|            | 5        | 1           |                        |                 | $\top$                                     | $\neg$   |          |           |  | 55          |                  |          |                    |  |                     | $\neg \vdash$ |          |              | 105        | $\neg$         |               | T        |              |                | $\neg$          | Т        | _ |
|            | 6        | 4           | - [ ]                  |                 |  |  | $\top$   |           |  | 56          |                  |          |                    |  |                     | $\neg$        |          |              | 106        |                |               |          |              |                | $\Box$          | $\top$   |   |
|            | 7        | 1           | $\dashv \dashv$        | $\neg$          | 77   |  | $\top$   |           |  | 57          | П                | 7        |                    |  |                     |               |          |              | 107        |                |               |          |              |                |                 | $\perp$  |   |
|            | 8        | 7           |                        |                 |  |  |          |           |  | 58          |                  |          |                    |  |                     |               |          |              | 108        |                | ┸             |          |              |                |                 | ᆚ        |   |
|            | 9        | 1           |                        | $\exists$       | $\sqcap$                                   |  |          |           |  | 59          |                  |          |                    |  |                     |               |          |              | 109        |                |               |          |              |                | $\perp$         | $\perp$  |   |
|            | 10       | 1           |                        |                 | $\Box$                                     | $\Box$   |          |           |  | 60          |                  |          |                    |  |                     |               |          |              | 110        |                | $\perp$       |          |              |                | ightharpoonup   | $\perp$  |   |
|            | 44       |             |                        |                 | П  |  |          |           |  | 61          |                  |          |                    |  |                     |               |          |              | 111        |                | $\perp$       |          |              |                | $\perp$         | $\perp$  |   |
|            | 12       | √           |                        |                 |  |  |          |           |  | 62          |                  |          | 匸                  |  | $\perp \perp$       |               | _        | L            | 112        |                | $\perp$       | ـــ      | <u> </u>     | $\square$      | $\dashv$        | $\perp$  | _ |
|            | 13       |             |                        | 工               |  |  |          |           |  | 63          |                  |          |                    |  |                     |               |          | <u> </u>     | 113        | $\perp$        |               | ↓_       | Ш            |                |                 | _        | _ |
|            | 14       |             |                        |                 |  |  |          |           |  | 64          | $\square$        |          |                    | ot   | ot                  | $\perp$       | _ :::    | L            | 114        |                |               | _        | Ш            | Ш              | $\dashv$        | 4        | _ |
|            | 15       |             |                        |                 |  |  |          |           |  | 65          | Ш                |          |                    |  |                     |               | _ ::::   |              | 115        |                |               | $\perp$  | L            | Ш              | 4               | 4        | _ |
|            | 16       |             |                        |                 | $oldsymbol{oldsymbol{oldsymbol{\square}}}$ |  |          |           |  | 66          | Ш                |          | $\perp$            | $\sqcup$   | $\perp$             |               | 4        |              | 116        | $\sqcup \bot$  | _             | ╄        | $\vdash$     |                | _               | $\dashv$ | _ |
|            | 17       |             |                        |                 |  |  |          |           |  | 67          |                  |          |                    | Ш  | $\perp \! \! \perp$ |               | _        |              | 117        |                |               | ↓        | $oxed{oxed}$ |                | _               | 4        | _ |
|            | 18       | L           |                        |                 |  | $\Box$   |          |           |  | 68          |                  | _        | <u> </u>           |  |                     |               | _        |              | 118        | _              |               | <u> </u> | ļ            |                | $\dashv$        | $\dashv$ | _ |
|            | 19       |             |                        |                 | $\perp$                                    |  |          |           |  | 69          |                  |          |                    | $\sqcup$   | $\perp$             | 丄             | _ ::::   | L            | 119        | $\sqcup$       |               | 1        | _            |                | $\dashv$        | $\dashv$ |   |
|            | 20       |             |                        |                 |  |  |          |           |  | 70          |                  | $\perp$  |                    | <u> </u>   |                     |               | _ :::    |              | 120        | $\sqcup$       |               | ↓_       |              |                | $\dashv$        | 4        | _ |
|            | 21       |             |                        |                 |  |  |          |           |  | 71          |                  |          | $\perp$            |  |                     |               | _ ::::   | <u> </u>     | 121        | $\sqcup$       |               |          | <u> </u>     | Ш              | $\perp$         | 4        |   |
|            | 22       | <u> </u>    |                        |                 | $\perp \perp$                              |  |          |           |  | 72          |                  | $\perp$  | $oldsymbol{\perp}$ |  |                     |               | _ :::    |              | 122        | $\sqcup$       |               | ↓        | ļ            | Ш              | <u></u>         | 4        | _ |
|            | 23       |             |                        |                 |  |  |          |           |  | 73          | LI               |          | $\bot$             |  | $\perp$             | _             | _        | <u> </u>     | 123        | $\perp$        |               | ╄        | _            | Ш              | ┷               | $\dashv$ |   |
|            | 24       | L_          |                        |                 | $\perp$                                    |  |          |           |  | - 74        | $\sqcup$         |          | $\bot$             | $\sqcup$   |                     | _             | 4        | L            | 124        | <u> </u>       | _             | ↓_       | <u> </u>     |                | <b></b> -       | $\dashv$ | _ |
|            | 25       |             |                        |                 | $\perp$                                    |  |          |           |  | 75          |                  |          | —                  | Ш  | $\perp$             | _             | 4        |              | 125        | $\vdash$       | $\bot$        | ↓        | <u> </u>     |                | $\vdash$        | -+       | _ |
|            | 26       |             |                        | _               | $\perp \! \! \perp$                        | $\perp$  |          |           |  | 76          |                  | $\perp$  | 4                  | Ц.   | +                   | -             | 4:::     |              | 126        |                | -             | ╄        | ┡            |                | -               | -+       | _ |
|            | 27       |             |                        |                 | $\perp$                                    | $\Box$   | _        |           |  | 77          | $\sqcup$         | _        | _                  | $\sqcup \bot$                                    | $\perp$             |               | 4::::    |              | 127        | $\vdash$       |               | ╄        | ┡            |                | $\vdash$        | +        | _ |
| L          | 28       | _           |                        | _               |  | $\Box$   | _        |           |  | 78          | $\sqcup$         | _        |                    |  | $\bot$              | _             | 4::::    |              | 128        |                | - -           | +        | —            | _              | $\vdash$        | +        | _ |
|            | 29       |             |                        |                 | $\bot$                                     | $\vdash$   |          |           |  | 79          | $\sqcup$         | _        | _                  | $\vdash$   | $\bot$              | -+            | 4        |              | 129        | $\vdash$       |               | ┿        | <u> </u>     | _              | $\vdash$        | +        | _ |
| <u></u>    | 30       | _           |                        | $\perp$         | 1  |  |          |           | <u> </u>   | 80          | $\sqcup$         | -        | 1                  |  | +                   | $\dashv$      | 4        |              | 130        | <b>-</b>       | -             | +        | -            |                | $\vdash$        | +        | _ |
|            | 31       | <u> </u>    |                        |                 | 44   | $\perp$  |          |           |  | 81          | ⊢                |          |                    | -  |                     |               | 4::::    | <u> </u>     | 131        | $\vdash$       |               | ┿        | ├            | $\vdash$       | ┝╼┼             | +        |   |
|            | 32       | <u> _</u>   |                        |                 | 44   | $\sqcup \bot$                                    | <u> </u> |           |  | 82          | ┦                |          |                    |  | -                   |               | 4:::     |              | 132        | $\vdash$       |               | -        | <b>├</b> -   | H              | $\vdash$        | $\dashv$ |   |
| L          | 33       | _           |                        |                 | 4-   | $\vdash$   |          |           |  | 83          | $\vdash$         |          |                    | ⊢  | -                   |               | -        |              | 133        | $\vdash$       |               | ╄        | ⊢            | $\vdash$       | $\vdash$        | +        | _ |
|            | 34       | <u> </u>    |                        | -               | -  | <u> </u>   |          |           |  | 84          |                  | -        |                    | ⊢⊢   |                     | +             | -        | <u> </u>     | 134        | $\vdash$       | -             | ╀        | ⊢            | -              | $\vdash$        | $\dashv$ | _ |
|            | 35       | ⊢           | $\square$              |                 | 4-4  | $\vdash$   |          |           | ļ  | 85          | $\vdash$         | +        | +                  | ╁┷┼╌   |                     | -             |          | <del> </del> | 135<br>136 | $\vdash$       | +             | +        | $\vdash$     | -              | $\vdash$        | +        | _ |
|            | 36       | ┞           |                        |                 | 4-   | $\vdash$   |          |           |  | 86          | $\vdash$         | +        | +                  | ⊢⊦   | +                   | -+            | -        |              | 130        | ⊢              |               | ╁╌       | ├            | -              |                 | +        | — |
| ļ          | 37       | ļ           | $\square$              | -               | +  |  | +        |           |  | 87          | $\vdash$         | +        | +                  | $\vdash \vdash$                                  | +                   |               |          | <u> </u>     | 137        | $\vdash$       | +             | +-       | ₩            | -              | $\vdash$        | +        | _ |
| <u> </u>   | 38       | ⊢           | $\vdash \vdash \vdash$ | $\perp$         | +-   | $\vdash \vdash$                                  |          | 1         | <u> </u>   | 88          | $\vdash$         | -+-      | +                  |  | +                   | +             |          |              | 138<br>139 | $\vdash$       | +-            | +        | ┼-           | -              | $\vdash$        | +        | _ |
|            | 39       | <b>├</b>    | $\vdash$               |                 | +  | -  | +        |           | <b> </b> -                                       | 89          | $\vdash$         | $\dashv$ | +-                 | -  | +                   | -+            | -        |              | 140        | $\vdash$       |               | ╁        | ╁            | $\vdash$       | ┰┼              | +        | _ |
|            | 40       | ⊢           | HH                     |                 | +-   | $\vdash \vdash$                                  | +-       | 1         | <del> </del>                                     | 90<br>91    | ╁╌┤              | +        | +                  | $\vdash$   | +                   | +             |          | <del></del>  | 141        |                | +             | +-       | $\vdash$     | -              | $\vdash$        | +        | _ |
| <u> </u>   | 41       | $\vdash$    | $\vdash\vdash\vdash$   | -+              | +  |  | +        |           | <u> </u>   | 92          | Н                |          |                    | ┼  | +                   |               | -        |              | 142        | $\vdash$       | +             | +        | +            | $\vdash$       | $\vdash \vdash$ | +        | _ |
| -          | 42       | ┼           | $\vdash$               |                 | +-   |  | +        | <b>{</b>  | <u> </u>   | 93          | ╀┤               | +        | +                  | $\vdash$   |                     | $\vdash$      | -        | <u> </u>     | 143        | ++             | +-            | +-       | +-           | -              | $\vdash \vdash$ | +        | _ |
| <b></b>    | 43       | ₩           | $\vdash$               |                 | +  | $\vdash \vdash$                                  | +-       | 1         | <u> </u>   | 94          | ╁╌┨              | +        | +-                 | <del>                                     </del> | +                   | -             | -        | <u> </u>     | 144        |                | +             | ╁        | $\vdash$     | $\vdash$       |                 | 十        | _ |
|            | 44       | +-          | $\vdash \vdash \vdash$ | +               | +  | ╁╾┼╴   | +-       |           | _  | 95          | ╁╌┤              | +        | +                  | <del>                                     </del> | +-                  |               | -        |              | 145        | $\vdash$       | +             | +        | +            | -              | $\vdash \vdash$ | $\dashv$ | _ |
|            | 46       | ╄-          | - -                    |                 | +-   | ╁╌┼  | +-       | 1         |  | 96          | $\vdash$         | +        | +                  | $\vdash$   | +                   | $\vdash +$    | $\dashv$ |              | 146        | +              | +-            | +-       | +-           | ┢              | $\vdash \vdash$ | $\dashv$ | _ |
| -          | 47       | $\vdash$    |                        | -               | +-   | ┝╌┼╴   | +        | 1         | <del>                                     </del> | 97          | $\vdash$         | +        | +-                 | +  | +                   |               | $\dashv$ | <u> </u>     | 147        | <del>   </del> | +             | +        | $\vdash$     | $\vdash$       |                 | $\dashv$ | _ |
|            | 48       | ┼           | ++-                    | -+              | +  | ┝╌┼╴   | +        | 1         |  | 98          | <del>  -  </del> | +        | +-                 | 1-1-   | +                   |               | -        |              | 148        |                | +             | +        | $\vdash$     | ┢              | $\vdash \vdash$ | $\dashv$ | _ |
|            |          | ╁╌          |                        | <del>   -</del> | +  | <del>                                     </del> | +        | 1         | $\vdash$   | 99          | $\vdash$         | -        | +-                 | ++   | +-                  | +             | -        | $\vdash$     | 149        | +              | +             | +        | $\vdash$     | 1 -            | $\vdash$        | $\dashv$ | - |
| -          | 49<br>50 | $\vdash$    | - -                    |                 | +  |  | +-       | 1         | <u> </u>   | 100         | ╁┤               | $\vdash$ | +                  | ++   | +                   | -+            | - ::::   | <b></b>      | 150        |                | +             | +        | +-           | <del>  -</del> |                 | $\dashv$ | _ |
| L          | 50       |             |                        | Щ.              |  | <u> </u>   |          | J:-:-:    | Щ_   | <u> 100</u> | Ш                | ot       | ┸                  | $\perp \perp$                                    |                     | $\perp$       | ::::     |              | 1 120      | ᄔ              |               |          | 1            | <u></u>        | لــــا          |          | _ |